



07-21-03

GP/2171

APPROVED

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Express Mail No. EV 272907872 US

Deposited on: July 18, 2003

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/082,034
	Filing Date	02/21/2002
	First Named Inventor	William H. Hildebrand
	Group Art Unit	2171
	Examiner Name	Unknown
Total Number of Pages in This Submission	Attorney Docket Number	6680.040

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ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	See remarks below:
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	RECEIVED JUL 24 2003 Technology Center 2100
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	1. Transmittal Form (1 page); and 2. Fee Transmittal (1 page); 3. Information Disclosure Statement (5 pages); 4. Cited Material; 5. Form PTO/SB/08A (formerly Form 1449) (1 page); 6. Postcard.	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual name	DUNLAP, CODDING & ROGERS, P.C., P.O. Box 16370 Customer Number 30589 Attn: Kathryn L. Hester, Ph.D., Reg. No. 46,768, Oklahoma City, Oklahoma 73113	
Signature		
Date	7-18-03	

CERTIFICATE OF MAILING		
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail or U.S. Express mail no. EV 272907872 US in an envelope addressed to the address below on this date: July 18, 2003		
Typed or printed name	Kathryn L. Hester, Ph.D.	
Signature		Date 7-18-03

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PTO/SB/17 (10-02)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE



FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 0

Complete if Known

Application Number	10/082,034
Filing Date	02/21/2002
First Named Inventor	William H. Hildebrand
Examiner Name	Unknown
Art Unit	2171
Attorney Docket No.	6680.040

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METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit
Account
Number
Deposit
Account
Name

04-1700

Dunlap, Coddling & Rogers, P.C.
Customer No. 30589

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments
☒ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)			(\$) 0

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	** =	X	=\$0
Multiple Dependent	** =	X	=\$0

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 0

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description
1051 130	2051 65	Surcharge - late filing fee or oath
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet
1053 130	1053 130	Non-English specification
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action
1251 110	2251 55	Extension for reply within first month
1252 410	2252 205	Extension for reply within second month
1253 930	2253 465	Extension for reply within third month
1254 1,450	2254 725	Extension for reply within fourth month
1255 1,970	2255 985	Extension for reply within fifth month
1401 320	2401 160	Notice of Appeal
1402 320	2402 160	Filing a brief in support of an appeal
1403 280	2403 140	Request for oral hearing
1451 1,510	1451 1,510	Petition to institute a public use proceeding
1452 110	2452 55	Petition to revive - unavoidable
1453 1,300	2453 650	Petition to revive - unintentional
1501 1,300	2501 650	Utility issue fee (or reissue)
1502 470	2502 235	Design issue fee
1503 630	2503 315	Plant issue fee
1460 130	1460 130	Petitions to the Commissioner
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)
1806 180	1806 180	Submission of Information Disclosure Stmt
8021 40	8021 40	Recording each patent assignment per property (times number of properties)
1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))
1801 750	2801 375	Request for Continued Examination (RCE)
1802 900	1802 900	Request for expedited examination of a design application

Other fee (specify)

*Reduced by Basic Filing Fee Paid

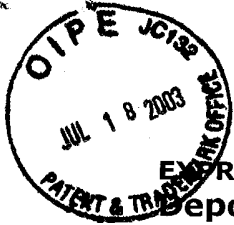
SUBTOTAL (3) (\$) 0

SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	Kathryn L. Hester, Ph.D.	Registration No. (Attorney/Agent)	46,768	Telephone	(405) 607-8600
Signature		Date	07/18/2003		

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EXPRESS MAIL NO.:

EV 272907872 US

PATENT

Deposited on:

JULY 18, 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: William H. Hildebrand) Atty. Dkt. No.: 6680.040

Serial No.: 10/082,034)

Filed: February 21, 2002)

For: SOLUBLE HLA LIGAND DATABASE)
UTILIZING PREDICTIVE ALGORITHMS)
AND METHODS OF MAKING AND)
USING SAME)

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INFORMATION DISCLOSURE STATEMENT

List of Sections Forming Part of This Information Disclosure Statement

The following sections are being submitted for this Information Disclosure Statement:

1. [X] Preliminary Statements
2. [X] Form PTO-1449 (Modified)
3. [X] Copies of Listed Information Items Accompanying this Statement
4. [X] Identification of Person(s) Making this Information Disclosure Statement

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Section 1. Preliminary Statements

Applicants submit herewith patents, publications or other information of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. § 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

Section 2. Form PTO-1449 (Modified)

☒ [X] A completed Form 1449 (Modified) is attached hereto.

Section 3. Copies of Listed Information Items Accompanying this Statement

Legible copies of all items listed in Form PTO-1449 (Modified) accompany this information disclosure statement.

Section 4. Identification of Person(s) Making this INFORMATION DISCLOSURE STATEMENT

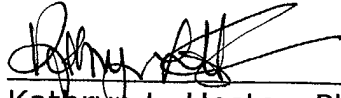
The person making this statement is the attorney/agent who signs below on the basis of the information:

☐ [] supplied by the inventor(s)

☐ [] supplied by an individual associated with the filing and prosecution of this application (37 C.F.R. § 1.56(c)).

[X] in the attorney/agent's file

Respectfully submitted,



Kathryn L. Hester, Ph.D., Reg. No. 46,768
DUNLAP, CODDING & ROGERS, P.C.
P.O. Box 16370, Customer No. 30589
Oklahoma City, Oklahoma 73113
Telephone: 405/607-8600
Facsimile: 405/607-8686

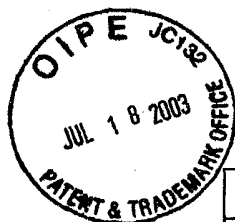
Agent for Applicant

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)



Page 1 of 2

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Application Number	10/082,034
Filing Date	02/21/2002
First Named Inventor	William H. Hildebrand
Group Art Unit	2171
Examiner Name	Unknown
Attorney Docket Number	6680.040

U. S. PATENT DOCUMENTS

EXAM INIT.	Cite No. 1	U.S. PATENT NUMBER Number	Kind Code2 (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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FOREIGN PATENT DOCUMENTS

EXAM INIT.	Cite No. 1	Foreign Patent Document Kind Code5 Office 3	Number 4 (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS

Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published

EXAM INIT.	AA	RAMMENSEE HANS-GEORG ET AL: "SYFPEITHI: Database for MHC ligands and peptide motifs" IMMUNOGENETICS, SPRINGER VERLAG, BERLIN, DE, vol. 50, no. 3-4, November 1999 (1999-11), pages 213-219, XP002183663 ISSN: 0093-1177 page 214; figure 1 tables 3, 4 page 213; column 2, line 25 - line 29
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EXAM INIT.		<p align="center">OTHER PRIOR ART–NON PATENT LITERATURE DOCUMENTS</p> <p align="center">Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published</p>
	AB	<p>BRUSIC VLADIMIR ET AL: "MHCPEP, a database of MHC-binding peptides: Update 1997"</p> <p>NUCLEIC ACIDS RESEARCH, OXFORD UNIVERSITY PRESS, SURREY, GB, vol. 26, no. 1, January 1, 1998 (1998-01-07) pages 368-371, XP002204283</p> <p>ISSN: 0305-1048</p> <p>figure 1; table 2</p>
	AC	<p>C SCHÖNBACH ET AL: "FIMM, a database of functional molecular immunology"</p> <p>NUCLEIC ACIDS RESEARCH, vol. 28, no. 1, January 2000 (2000-01), pages 222-224, XP002242984 Oxford, UK</p> <p>figure 1; table 1</p>
* EXAMINER		DATE CONSIDERED
<small>EXAMINER: Initial if citation considered, whether or not citation is in conformance and not considered. Include copy of this form with next communication to applicant. **Place of Publication refers to name of publication in which the information was published.</small>		